Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

Quality Engineering Test Report

SERIES: SLW05C 5W DC-DC SINGLE OUTPUT CONVERTER

SAMPLE: SLW05C-05 +5V / 1A

NO	TEST ITEM	TEST CONDITION / SPECIFICATION	RESULT	VERDICT
1	DC INPUT VOLTAGE RANGE	I/P:TESTING SPEC: 36~72VDC O/P:FULL LOAD	24~72VDC	P
2	LINE REGULATION	I/P: 36~72VDC SPEC: ±0.2% O/P: FULL LOAD	-0%~+0.02%	P
3	LOAD REGULATION	I/P: 48VDC SPEC: ±0.5% O/P:MIN. TO FULL LOAD	-0.08%~+0.08%	P
4	OUTPUT VOLTAGE TOLERANCE	I/P: 36~72VDC SPEC: NONE O/P:MIN. TO FULL LOAD	-0.08%~+0.1%	P
5	RIPPLE&NOISE	I/P: 48VDC SPEC: 100mV O/P:FULL LOAD	25mV	P
6	DC INPUT CURRENT	I/P: 48VDC SPEC: 0.135A O/P:FULL LOAD	0.13A	P
7	OVER LOAD PROTECTION	I/P: 48VDC SPEC: NONE O/P:TESTING	150%	P
8	O/P VOLTAGE ACCURACY	I/P: 48VDC SPEC: ±1% O/P:MIN. LOAD	+0.34%	P
9	SET UP TIME	I/P:48VDC SPEC: NONE O/P:FULL LOAD	12.2mS	P
10	HOLD UP TIME	I/P:48VDC SPEC: NONE O/P:FULL LOAD	2.6mS	P
11	EFFICIENCY	I/P: 48VDC SPEC: 77% O/P:FULL LOAD	80.4%	P
12	INSULATION RESISTANCE	SPEC:I/P--O/P 500VDC/1000M Ohms MIN.	I/P--O/P>100M Ohms	P
13	DIELECTRIC / WITHSTAND VOLTAGE	SPEC: I/P-- O/P: 1000VDC/ 1 min (10mA CUT-OFF)	NO BREAK I/P--O/P :<0.02mA	P
14	BURN-IN TEST	I/P:48VDC O/P:FULL LOAD TA:25 °C BURN-IN DURATION : 13 hrs	NO BREAK	P
15	TEMPERATURE RISE TEST T rise OF PARTS	I/P :48VDC AFTER 13 hrs BURN-IN O/P :FULL LOAD TA:25 °C		P
16	CONSTRUCTION INSPECTION (FOR QC INSPECTION REFERENCE ONLY)	1. PACKING : 軌道型塑膠加紙盒包裝 2. MARKING : MODEL LABEL 3. MECHANICAL : SIX-SIDED SHIELD METAL CASE 4. DIMENSIONS : LXWXH=50.8X25.4X11.27mm,PIN :1.0∅x8.3mm		

POSITION	SAMPLE	TEMP	T rise
CASE	SLW05C-05	45.3 °C	20.3 °C

DATE	SAMPLE	TEST RESULT	TEST	APPROVAL
1998.8.28	SLW05C-05	PASS	T.K.CHENG	MAX LIN